

(PCT Article 36 and Rule 70)

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/JP	Authorized officer
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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/002237

Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-22 as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. 6-8, 10 as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 3-5 received by this Authority on 21.07.2005
- nos.* 1-2, 9, 11-12 received by this Authority on 27.02.2005
- ☒ the drawings:
- sheets Fig. 1-18 as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1.	Statement		
	Novelty (N)	Claims <u>1-12</u>	YES
		Claims _____	NO
	Inventive step (IS)	Claims <u>1-12</u>	YES
		Claims _____	NO
	Industrial applicability (IA)	Claims <u>1-12</u>	YES
		Claims _____	NO
2.	Citations and explanations (Rule 70.7)		
	Document 1: JP 7-288806 A (Hitachi, Ltd.), 31 October 1995		
	Document 2: JP 5-344346 A (Casio Computer Co., Ltd.), 24 December 1993		
	Document 3: JP 2003-52036 A (Hitachi Kokusai Electric Co., Ltd.), 21 February 2003		
	Document 4: JP 2001-230927 A (Seiko Epson Corporation), 24 August 2001 & US 2001/0024242 A1		
	<p>The inventions set forth in claims 1 to 12 involve an inventive step in relation to documents 1 to 4 cited in the international search report. Documents 1 to 4 do not indicate that "a filtering region comprises an aggregation of one or more adjoining rectangular regions comprising two or more pixels dividing a block area into 2n (where n is a natural integer) equal parts", and this feature offers the invention of this application the advantageous effect that the AC component obtained by DCT is reduced.</p>		

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

From claims 1 and 2, 9, 11 and 12, it is impossible to specify whether the "filtering area" is an area which is "smaller than the block area", and is an area "comprising an aggregation of one or more adjoining rectangular regions comprising two or more pixels dividing a block area into $2n$ (where n is a natural integer) equal parts", or whether the "filtering area" is "an aggregation of one or more adjoining" "rectangular regions comprising two or more pixels dividing a block area into $2n$ (where n is a natural integer) equal parts, and which is smaller than the block area".

In addition, the description and drawings are not disclosed as to encompass both of the aforementioned areas.

From claim 5, it is unclear how a moving body detection sensor acts on an image compression device to determine important areas and unimportant areas.

In addition, the description and drawings do not specify the aforementioned determination.